

Draft Rule 370 - July 21, 2005

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Comments due by August 19, 2005

REGULATION III - CONTROL OF AIR CONTAMINANTS

RULE 370

FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM

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Revised 03/07/01

Revised 11/19/03

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS**

REGULATION III - CONTROL OF AIR CONTAMINANTS

**RULE 370
FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM**

SECTION 100 - GENERAL

- 101 PURPOSE:** To establish emission standards for federally listed hazardous air pollutants.
- 102 APPLICABILITY:** The provisions of this rule apply to the owner or operator of any stationary source for which a standard is prescribed under this rule, and for which federal delegation of the implementation and enforcement of the standards to Maricopa County has been accomplished. Any such stationary source must also comply with other Maricopa County Air Pollution Control Regulations.
- 103 AVAILABILITY OF INFORMATION:** Copies of all 40 C.F.R., Part 61 and Part 63 revisions currently enforced by Maricopa County are available at 1001 N. Central Avenue, Phoenix, Arizona, 85004, or by calling (602) 506-6700 for information.
- 104 FEDERAL DELEGATION AUTHORITY:** Maricopa County shall enforce the national emission standards for hazardous air pollutants (40 C.F.R. Part 61 and Part 63 (~~2002~~ 2004)) (NESHAPs) listed in Section 300 of this rule which have heretofore been delegated to the County by the United States Environmental Protection Agency (EPA) for such enforcement. Maricopa County may in addition enforce such other NESHAPs as may be delegated by the EPA to the County from time to time.

SECTION 200 - DEFINITIONS: For the purpose of this rule, the following definitions shall apply:

- 201 ADMINISTRATOR** - As used in Parts 61 and 63, Title 40, Code of Federal Regulations, shall mean the Control Officer, except that the Control Officer shall not

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be empowered to approve alternate or equivalent test methods or alternative standards/work practices except as specifically provided in Part 63, Subpart B.

~~201~~ 202 EXISTING SOURCE - Any stationary source other than a new source.

~~202~~ 203 FEDERALLY LISTED HAZARDOUS AIR POLLUTANT - Any air pollutant listed pursuant to Section 112(b) of the Act.

~~203~~ 204 HAZARDOUS AIR POLLUTANT - Any air pollutant regulated under Section 112 of the Act, any air pollutant subject to NESHAP, or any air pollutant designated by the Director as a hazardous air pollutant pursuant to ARS §49-426.04.

~~204~~ 205 MAJOR SOURCE - A stationary source or group of stationary sources located within a contiguous area, and under common control, and that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any federally listed hazardous air pollutant or 25 tons per year or more of any combination of federally listed hazardous air pollutants. A lesser quantity or, in the case of radionuclides, a different criteria may be established by the Administrator pursuant to Section 112 of the Act and may be adopted by the Board of Supervisors by rule.

~~205~~ 206 MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY (MACT) - An emission standard that requires the maximum degree of reduction in emissions of federally listed hazardous air pollutants subject to this rule, including a prohibition on such emissions where achievable, that the Control Officer, after considering the cost of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements, determines is achievable by a source to which such standard applies, through application of measures, processes, methods, systems or techniques, including measures which do one or more of the following:

~~205.1~~ 206.1 Reduce the volume of, or eliminate emissions of, such pollutants through process changes, substitution of materials or other modifications.

~~205.2~~ 206.2 Enclose systems or processes to eliminate emissions.

~~205.3~~ 206.3 Collect, capture or treat such pollutants when released from a process, stack, storage or fugitive emissions point.

~~205.4~~ 206.4 Are design, equipment, work practice, or operational standards, including requirements for operator training or certification.

~~205.5~~ 206.5 Are a combination of the above.

~~206~~ 207 MODIFICATION - Any physical change in, or change in the method of operation of, a major source which increases the actual emissions of any federally listed hazardous air pollutant emitted by such source by more than a de minimis

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amount, or which results in the emission of any federally listed hazardous air pollutant, not previously emitted by more than a de minimis amount.

~~207~~ 208 NESHAP - National emission standards for hazardous air pollutants pursuant to 40 C.F.R. Part 61 and Part 63 (~~2002~~ 2004).

~~208~~ 209 NEW SOURCE - A stationary source, the construction or reconstruction of which commences after the Administrator first proposes regulations under Section 112 of the Act establishing an emission standard applicable to such source, and after an applicable rule is adopted by the Board of Supervisors.

~~209~~ 210 STATIONARY SOURCE - Any building, structure, facility, or installation which emits or may emit any air pollutant.

SECTION 300 - STANDARDS

301 STANDARDS OF PERFORMANCE FOR FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS: The federally listed hazardous air pollutants as listed in Table I and NESHAPs adopted as of July 1, ~~2002~~ 2004, as listed below and as which can be found at 40 C.F.R. 61.01 through 61.358, and all accompanying appendices, are incorporated herein by reference with the listed exclusions and additions and shall be applied by the Control Officer. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein.

301.1 SUBPART A - General Provisions; exclude Sections 61.04(~~b~~), 61.05(c), ~~61.06~~, 61.11, 61.12(d)(~~1~~), 61.13(h)(1)(ii), 61.14(d), 61.14(g)(1)(ii), ~~61.15~~ 61.16 and any sections dealing with equivalency determinations that are nontransferable through Section 112(e)(3) of the Act.

301.2 SUBPART C - National Emission Standard for Beryllium.

301.3 SUBPART D - National Emission Standard for Beryllium Rocket Motor Firing.

301.4 SUBPART E - National Emission Standard for Mercury; exclude 61.53(e)(4) and 61.55(d).

301.5 SUBPART F - National Emission Standard for Vinyl Chloride; exclude ~~61.66~~.

301.6 SUBPART J - National Emission Standard for Benzene Fugitive Emissions Sources/Equipment Leaks (Fugitive Emission Sources) of Benzene; exclude ~~61.112(c)~~.

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301.7 SUBPART L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants~~;~~ ~~exclude 61.136(d).~~

301.8 SUBPART M - National Emission Standard for Asbestos~~;~~ ~~exclude 61.149(c)(2), 61.150(a)(4), 61.151(c)(2), 61.152(b)(3), 61.153(c), 61.154(b)(2), 61.154(d), 61.155(a), and 61.156(d).~~

a. Each owner or operator of a demolition activity or renovation activity involving a facility as defined in 40 C.F.R. 61, Subpart M shall:

(1) Fully comply with all requirements of 40 C.F.R. 61, Subpart M.

(2) Provide the Control Officer with written notification ~~in the manner described in 40 C.F.R. 61.145~~ of intention to demolish or to renovate in the manner described in 40 CFR 61.145.

~~(3)~~ Update all notifications in accordance with 40 CFR 61.145(b). For renovations described in 40 CFR 61.145(a)(4)(iii), notifications shall expire every December 31, with new notices required at least 10 working days before the end of the calendar year preceding the year for which notice is being given. All other notifications shall expire one year from either the original postmark date, commercial delivery date or date of hand delivery to the Control Officer. For a demolition activity or renovation activity that continues beyond the expiration date, the owner or operator of the demolition or renovation activity shall notify the Control Officer in accordance with 40 CFR 61.145(b) at least 10 working days prior to the expiration of the original notice and pay all applicable fees prescribed by Rule 280 of these rules.

~~(3)(4)~~ Inspect Thoroughly inspect the facility within 12 months of commencement of demolition or renovation activity.

~~(4)(5)~~ Pay all applicable fees prescribed by Rule 280 of these rules.

b. In addition, each owner or operator of a demolition activity or renovation activity shall comply with the following requirements:

(1) Certification, training, and record keeping requirements:

(a) All facilities scheduled for demolition or renovation shall be inspected by a currently certified Asbestos Hazard Emergency Response Act (AHERA) accredited asbestos building inspector (herein referenced as inspector), as required by either AHERA or the Asbestos School Hazard Abatement Reauthorization Act (ASHARA).

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- (b) Each owner and operator of a facility shall maintain a copy of any reports of inspections made for a facility for two years, including laboratory test results of samples collected, ~~and shall submit a statement to the Control Officer verifying that the facility was inspected and verifying whether or not asbestos containing material (ACM) was found.~~ When a notification is submitted to the Control Officer for a demolition or renovation activity at a facility, include on the notification the date of the inspection required under section 301.8(a)(4), and the laboratory information noted on the notification.
- (c) All asbestos workers shall ~~be~~ maintain current AHERA ~~trained, certification, and an~~ All asbestos contractor/supervisors shall maintain current AHERA/ASHARA ~~trained asbestos contractor/supervisor certification and~~ shall be on-site at all times during any active asbestos abatement work at or above NESHAP threshold amounts. A legible copy of all asbestos workers and contractor/supervisor's current training certificates from an EPA or State accredited training provider shall be onsite and available for inspection at all times.
- (d) All asbestos workers and contractor/supervisors shall have color photo identification on-site and available for inspection at all times during setup, asbestos removal, handling, collecting, containerizing, cleanup and dismantling. The color photo identification shall be either from an EPA or State accredited training provider verifying the certification requirements in section (b)(1)(c), or a current government-issued color photo identification card.

(2) Asbestos renovation and demolition standards:

- (a) Category I nonfriable asbestos containing material (ACM) and Category II nonfriable ACM that remain nonfriable Category I ACM and nonfriable Category II ACM shall be removed so as not to create visible dust emissions during removal and transport to the disposal site.
- (b) Inspection viewing devices at facilities are required at all asbestos renovation ~~and abatement~~ projects where regulated ~~ACM~~ asbestos containing material (RACM) is being abated, except for roofing projects involving Category I nonfriable ACM and Category II nonfriable ACM exclusively. Viewing devices shall be so designed as

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to allow an inspector to view the facility from the outside, either through ports or by video monitoring.

(c) All RACM shall be kept adequately wet by using a mixture of water and a chemical wetting agent that controls the release of asbestos fibers, except as exempted under 40 CFR 61.145(c)(3)(i)(A) and 61.145(c)(7)(i). To claim these exemptions, the owner or operator shall follow the requirements of 40 CFR 61.145(c)(3)(i)(B) and/or 61.145(c)(7)(ii) and (iii).

~~**(e)(d)** The friable portion of regulated ACM shall be kept adequately wet and~~ All RACM shall be contained in transparent, leak-tight wrapping or 6-mil poly bags to prevent dust emissions during removal, transport, storage, and proper landfill disposal following local, county, state, and federal regulations. Each individual wrapping or bag shall be visibly and legibly labeled with the name of the site owner or operator and address of the location that generated the ACM RACM.

c. Handling of material that is not sampled or inspected

(1) All materials that may potentially contain asbestos that are not sampled shall be assumed to be ACM and shall be handled in accordance with 40 CFR 61, Subpart M.

(2) For each facility that has been ordered to be demolished by a state or local government agency because the facility is structurally unsound and in danger of imminent collapse, the owner or operator of the demolition or renovation activity may demolish the structure without having the facility inspected for asbestos. If no asbestos inspection is performed, then all resulting demolition debris shall be assumed to be RACM and handled in accordance with 40 CFR 61.145(b) and 40 CFR 61.145(c) and disposed of in accordance with 40 CFR 61.150.

301.9 SUBPART N - National Emission Standard for Inorganic Arsenic Emissions ~~from~~ From Glass Manufacturing Plants; exclude 61.164(a)(2) and 61.164(a)(3).

301.10 SUBPART O - National Emission Standard for Inorganic Arsenic Emissions ~~from~~ From Primary Copper Smelters; exclude 61.172(b)(2)(ii)(B), 61.172(b)(2)(ii)(C), 61.174(a)(2), and 61.174(a)(3).

301.11 SUBPART P - National Emission Standard for Inorganic Arsenic Emissions ~~from~~ From Arsenic Trioxide and Metallic Arsenic Production Facilities.

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- 301.12** **SUBPART V - National Emission Standard for ~~Volatile Hazardous Air Pollutants—Fugitive Emissions/Equipment Leaks (Fugitive Emission Sources)~~**; ~~exclude 61.242-1(c)(2) and 61.244.~~
- 301.13** **SUBPART Y - National Emission Standard for Benzene Emissions From Benzene Storage Vessels**; ~~exclude 61.273.~~
- 301.14** **SUBPART BB - National Emission Standard for Benzene Emissions From Benzene Transfer Operations.**
- 301.15** **Subpart FF - National Emission ~~Standards~~ Standard for Benzene Waste Operations**; ~~exclude 61.353.~~
- 302 STANDARDS OF PERFORMANCE FOR FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES:** The federally listed hazardous air pollutants as listed in Table I and NESHAPs adopted as of July 1, 2002 2004, as listed below and as which can be found at 40 C.F.R. 63, and all accompanying appendices, are incorporated herein by reference with the listed exclusions and additions and shall be applied by the Control Officer. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein.
- 302.1** **SUBPART A - General Provisions**; ~~exclude 63.6(g), 63.6(h)(9), 63.7(e)(2)(ii), 63.7(f), 63.8(f), 63.10(f).~~
- 302.2** **SUBPART B - Requirements for Control Technology Determinations for Major Sources in Accordance ~~with~~ With Clean Air Act Sections, Sections 112(g) and 112(j)**
- 302.3** **SUBPART C - List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List, includes amendments adopted as of November 29, 2004**
- ~~302.3~~ **302.4 SUBPART D - Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants**
- ~~302.4~~ **302.5 SUBPART F - National Emission Standards for Organic Hazardous Air Pollutants ~~from~~ From the Synthetic Organic Chemical Manufacturing Industry**
- ~~302.5~~ **302.6 SUBPART G - National Emission Standards for Organic Hazardous Air Pollutants ~~from~~ From the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater**

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~~302.6~~ 302.7 **SUBPART H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**; ~~exclude 63.177~~

~~302.7~~ 302.8 **SUBPART I - National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks**

302.9 **SUBPART J - National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production**

~~302.8~~ 302.10 **SUBPART L - National Emission Standards for Coke Oven Batteries**; ~~exclude 63.302(d); 63.304(b)(6); 63.305(b), (d), and (e); 63.307(d)~~

~~302.9~~ 302.11 **SUBPART M - National Perchloroethylene Air Emission Standards for Perchloroethylene for Dry Cleaning Facilities**

~~302.10~~ 302.12 **SUBPART N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**

~~302.11~~ 302.13 **SUBPART O - ~~National Emission Standards for~~ Ethylene Oxide Emissions Standards for Sterilization Facilities**

~~302.12~~ 302.14 **SUBPART Q - National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers**

~~302.13~~ 302.15 **SUBPART R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)**; ~~exclude 63.426, 63.427(a)(5)~~

~~302.14~~ 302.16 **SUBPART S – National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

~~302.15~~ 302.17 **SUBPART T - National Emission Standards for Halogenated Solvent Cleaning**

302.16 302.18 **SUBPART U - National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**

~~302.17~~ 302.19 **SUBPART W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production**

~~302.18~~ 302.20 **SUBPART X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**

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~~302.19~~ 302.21 SUBPART AA – National Emission Standards for Hazardous Air Pollutants ~~from~~ From Phosphoric Acid Manufacturing Plants

~~302.20~~ 302.22 SUBPART BB - National Emission Standards for Hazardous Air Pollutants ~~from~~ From Phosphate Fertilizers Production Plants

~~302.21~~ 302.23 SUBPART CC - National Emission Standards for Hazardous Air Pollutants ~~from~~ From Petroleum Refineries

~~302.22~~ 302.24 SUBPART DD - National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations

~~302.23~~ 302.25 SUBPART EE - National Emission Standards for Magnetic Tape Manufacturing Operations

~~302.24~~ 302.26 SUBPART GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities

~~302.25~~ 302.27 SUBPART HH - National Emission Standards for Hazardous Air Pollutants ~~from~~ From Oil and Natural Gas Production Facilities

~~302.26~~ 302.28 SUBPART JJ - National Emission Standards for Wood Furniture Manufacturing Operations

~~302.27~~ 302.29 SUBPART KK - National Emission Standards for the Printing and Publishing Industry; ~~exclude 63.827(b), 63.827(c)~~

~~302.28~~ 302.30 SUBPART MM – National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

~~302.29~~ 302.31 SUBPART OO - National Emission Standards for Tanks - Level 1

~~302.30~~ 302.32 SUBPART PP - National Emission Standards for Containers

~~302.31~~ 302.33 SUBPART QQ - National Emission Standards for Surface Impoundments

~~302.32~~ 302.34 SUBPART RR - National Emission Standards for Individual Drain Systems

~~302.33~~ 302.35 SUBPART SS – National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process

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~~302.34~~ 302.36 SUBPART TT – National Emission Standards for Equipment Leaks – Control Level 1

~~302.35~~ 302.37 SUBPART UU – National Emission Standards for Equipment Leaks – Control Level 2 Standards

~~302.36~~ 302.38 SUBPART VV - National Emission Standards for Oil-Water Separators and Organic-Water Separators

~~302.37~~ 302.39 SUBPART WW – National Emission Standards for Storage Vessels (Tanks) – Control Level 2

302.40 SUBPART XX - National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations

~~302.38~~ 302.41 SUBPART YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards

~~302.39~~ 302.42 SUBPART CCC - National Emission Standards for Hazardous Air Pollutants for Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants

~~302.40~~ 302.43 SUBPART DDD - National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production

~~302.41~~ 302.44 SUBPART EEE - National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors

~~302.42~~ 302.45 SUBPART GGG - National Emission Standards for Pharmaceuticals Production

~~302.43~~ 302.46 SUBPART HHH - National Emission Standards for Hazardous Air Pollutants ~~from~~ From Natural Gas Transmission and Storage Facilities

~~302.44~~ 302.47 SUBPART III - National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production

~~302.45~~ 302.48 SUBPART JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins

~~302.46~~ 302.49 SUBPART LLL - National Emission Standards for Hazardous Air Pollutants ~~from~~ From the Portland Cement Manufacturing Industry

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~~302.47~~ 302.50 SUBPART MMM - National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production

~~302.48~~ 302.51 SUBPART NNN - National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing

~~302.49~~ 302.52 SUBPART OOO – National Emission Standards for Hazardous Air ~~Pollutants from the~~ Pollutant Emissions: Manufacture of Amino/Phenolic Resins.

~~302.50~~ 302.53 SUBPART PPP - National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production

302.54 SUBPART QQQ - National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting

~~302.51~~ 302.55 SUBPART RRR – National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production

~~302.52~~ 302.56 SUBPART TTT - National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting

~~302.53~~ 302.57 SUBPART UUU – National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units

~~302.54~~ 302.58 SUBPART VVV – National Emission Standards for Hazardous Air Pollutants; ~~for~~ Publicly Owned Treatment Works

~~302.55~~ 302.59 SUBPART XXX - National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese

~~302.56~~ 302.60 SUBPART AAAA – National Emission Standards for Hazardous Air Pollutants; ~~for~~ Municipal Solid Waste Landfills

~~302.57~~ 302.61 SUBPART CCCC – National Emission Standards for Hazardous Air Pollutants; ~~for Manufacture~~ Manufacturing of Nutritional Yeast

302.62 SUBPART EEEE - National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

302.63 SUBPART FFFF - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

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~~302.58~~ **302.64** SUBPART GGGG – National Emission Standards for Hazardous Air Pollutants; ~~for~~ Solvent Extraction for Vegetable Oil Production

~~302.59~~ **302.65** SUBPART HHHH – National Emission Standards for Hazardous Air Pollutants for Wet-formed Fiberglass Mat Production

302.66 SUBPART IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks

302.67 SUBPART JJJJ - National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating

302.68 SUBPART KKKK - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans

302.69 SUBPART MMMM - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products

302.70 SUBPART NNNN - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances

302.71 SUBPART OOOO - National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles

302.72 SUBPART PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products

302.73 SUBPART QQQQ - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products

302.74 SUBPART RRRR - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture

~~302.60~~ **302.75** SUBPART SSSS – National Emission Standards for Hazardous Air Pollutants; ~~for~~ Surface Coating of Metal Coil

~~302.61~~ **302.76** SUBPART TTTT – National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations

~~302.62~~ **302.77** SUBPART UUUU – National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing

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- 302.78** **SUBPART VVVV - National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing**
- 302.79** **SUBPART WWWW - National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production**
- 302.80** **SUBPART XXXX - National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing**
- 302.81** **SUBPART YYYY - National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines**
- 302.82** **SUBPART ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**
- 302.83** **SUBPART AAAAA - National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants**
- 302.84** **SUBPART BBBBB - National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing**
- 302.85** **SUBPART CCCCC - National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks**
- 302.86** **SUBPART EEEEE - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries**
- 302.87** **SUBPART FFFFF - National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities**
- 302.88** **SUBPART GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation**
- 302.89** **SUBPART HHHHH - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing**
- 302.90** **SUBPART IIIII - National Emission Standards for Hazardous Air Pollutants: Mercury Emissions From Mercury Cell Chlor-Alkali Plants**
- 302.91** **SUBPART JJJJJ - National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing**

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- 302.92** **SUBPART KKKKK - National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing**
- 302.93** **SUBPART LLLLL - National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing**
- 302.94** **SUBPART MMMMM - National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations**
- 302.95** **SUBPART NNNNN - National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production**
- 302.96** **SUBPART PPPPP - National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Standards**
- 302.97** **SUBPART QQQQQ - National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities**
- 302.98** **SUBPART RRRRR - National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing**
- 302.99** **SUBPART SSSSS - National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing**
- 302.100** **SUBPART TTTTT - National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining**

303 ADDITIONAL REQUIREMENTS:

- 303.1** From the general standards identified in Section 301 of this rule, delete 40 C.F.R. 61.04.
- 303.2** When the Administrator adopts and makes effective emission standards pursuant to Section 112(d) or 112(f) of the Act, the Control Officer may enforce those standards as prescribed by the Administrator.
- 303.3** Where the Act has established provisions, including specific schedules, for the regulation of source categories pursuant to Section 112(e)(5) and 112(n) of the Act, the Control Officer may enforce those provisions.
- 303.4** For any category or subcategory of sources licensed by the U.S. Nuclear Regulatory Commission, the Board of Supervisors shall not adopt and the Control Officer shall not enforce any standard or limitation respecting emissions of radionuclides which is more stringent than the standard or limitation adopted by the Administrator pursuant to Section 112 of the Act.

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- 303.5** If the Administrator finds by rule that regulation is not appropriate or necessary or that alternative control strategies should be applied, the Control Officer shall administer and enforce this rule based on the Administrator's findings.

SECTION 400 - ADMINISTRATIVE REQUIREMENTS

- 401 CONTROL TECHNOLOGY DETERMINATIONS FOR MAJOR SOURCES IN ACCORDANCE WITH CLEAN AIR ACT SECTIONS, SECTIONS 112(g) AND 112(j):** 40 C.F.R. 63.50-56 are adopted by reference.
- 402 COMPLIANCE EXTENSIONS FOR EARLY REDUCTION OF FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS:** 40 C.F.R. 63.70-81 and Table I are adopted by reference.

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TABLE I**FEDERAL LIST OF HAZARDOUS AIR POLLUTANTS****A.** All of the following are federally listed hazardous air pollutants:

<u>CAS No.</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Chemical Name</u>
75-07-0	Acetaldehyde	67-66-3	Chloroform
60-35-5	Acetamide	107-30-2	Chloromethyl methyl ether
75-05-8	Acetonitrile	126-99-8	Chloroprene
98-86-2	Acetophenone	1319-77-3	Cresols/Cresylic acid (isomers and mixture)
53-96-3	2-Acetylaminofluorene	95-48-7	o-Cresol
107-02-8	Acrolein	108-39-4	m-Cresol
79-06-1	Acrylamide	106-44-5	p-Cresol
79-10-7	Acrylic acid	98-82-8	Cumene
107-13-1	Acrylonitrile	94-75-7	2,4-D, salts and esters
107-05-1	Allyl chloride	3547-04-4	DDE
92-67-1	4-Aminobiphenyl	334-88-3	Diazomethane
62-53-3	Aniline	132-64-9	Dibenzofurans
90-04-0	o-Anisidine	96-12-8	1,2-Dibromo-3-chloropropane
1332-21-4	Asbestos	84-74-2	Dibutylphthalate
71-43-2	Benzene (including benzene from gasoline)	106-46-7	1,4-Dichlorobenzene(p)
92-87-5	Benzidine	91-94-1	3,3-Dichlorobenzidine
98-07-7	Benzotrithloride	111-44-4	Dichloroethyl ether (Bis(2-chloroethyl)ether)
100-44-7	Benzyl chloride	542-75-6	1,3-Dichloropropene
92-52-4	Biphenyl	62-73-7	Dichlorvos
117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)	111-42-2	Diethanolamine
542-88-1	Bis(chloromethyl)ether	121-69-7	N,N-Diethyl aniline (N,N-Dimethylaniline)
75-25-2	Bromoform	64-67-5	Diethyl sulfate
106-99-0	1,3-Butadiene	119-90-4	3,3-Dimethoxybenzidine
156-62-7	Calcium cyanamide	60-11-7	Dimethyl aminoazobenzene
105-60-2	Caprolactam	119-93-7	3,3-Dimethyl benzidine
133-06-2	Captan	79-44-7	Dimethyl carbamoyl chloride
63-25-2	Carbaryl	68-12-2	Dimethyl formamide
75-15-0	Carbon disulfide	57-14-7	1,1-Dimethyl hydrazine
56-23-5	Carbon tetrachloride	131-11-3	Dimethyl phthalate
463-58-1	Carbonyl sulfide	77-78-1	Dimethyl sulfate
120-80-9	Catechol	534-52-1	4,6-Dinitro-o-cresol, and salts
133-90-4	Chloramben	51-28-5	2,4-Dinitrophenol
57-74-9	Chlordane	121-14-2	2,4-Dinitrotoluene
7782-50-5	Chlorine	123-91-1	1,4-Dioxane (1,4-Diethyleneoxide)
79-11-8	Chloroacetic acid	122-66-7	1,2-Diphenylhydrazine
532-27-4	2-Chloroacetophenone		
108-90-7	Chlorobenzene		
510-15-6	Chlorobenzilate		

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<u>CAS No.</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Chemical Name</u>
106-89-8	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	74-88-4	Methyl iodide (Iodomethane)
106-88-7	1,2-Epoxybutane	108-10-1	Methyl isobutyl ketone (Hexone)
140-88-5	Ethyl acrylate	624-83-9	Methyl isocyanate
100-41-4	Ethyl benzene	80-62-6	Methyl methacrylate
51-79-6	Ethyl carbamate (Urethane)	1634-04-4	Methyl tert butyl ether
75-00-3	Ethyl chloride (Chloroethane)	101-14-4	4,4-Methylene bis(2-chloroaniline)
106-93-4	Ethylene dibromide (Dibromoethane)	75-09-2	Methylene chloride (Dichloromethane)
107-06-2	Ethylene dichloride (1,2-Dichloroethane)	101-68-8	Methylene diphenyl diisocyanate (MDI)
107-21-1	Ethylene glycol	101-77-9	4,4-Methylenedianiline
151-56-4	Ethylene imine (Aziridine)	91-20-3	Naphthalene
75-21-8	Ethylene oxide	98-95-3	Nitrobenzene
96-45-7	Ethylene thiourea	92-93-3	4-Nitrobiphenyl
75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	100-02-7	4-Nitrophenol
50-00-0	Formaldehyde	79-46-9	2-Nitropropane
76-44-8	Heptachlor	684-93-5	N-Nitroso-N-methylurea
118-74-1	Hexachlorobenzene	62-75-9	N-Nitrosodimethylamine
87-68-3	Hexachlorobutadiene	59-89-2	N-Nitrosomorpholine
77-47-4	Hexachlorocyclopentadiene	56-38-2	Parathion
67-72-1	Hexachloroethane	82-68-8	Pentachloronitrobenzene (Quintobenzene)
822-06-0	Hexamethylene- 1,6-diisocyanate	87-86-5	Pentachlorophenol
680-31-9	Hexamethylphosphoramide	108-95-2	Phenol
110-54-3	n-Hexane	106-50-3	p-Phenylenediamine
302-01-2	Hydrazine	75-44-5	Phosgene
7647-01-0	Hydrochloric acid	7803-51-2	Phosphine
7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	7723-14-0	Phosphorus
123-31-9	Hydroquinone	85-44-9	Phthalic anhydride
78-59-1	Isophorone	1336-36-3	Polychlorinated biphenyls (Aroclors)
58-89-9	Lindane (all isomers)	1120-71-4	1,3-Propane sultone
108-31-6	Maleic anhydride	57-57-8	beta-Propiolactone
67-56-1	Methanol	123-38-6	Propionaldehyde
72-43-5	Methoxychlor	114-26-1	Propoxur (Baygon)
74-83-9	Methyl bromide (Bromomethane)	78-87-5	Propylene dichloride (1,2-Dichloropropane)
74-87-3	Methyl chloride (Chloro- methane)	75-56-9	Propylene oxide
71-55-6	Methyl chloroform (1,1,1-Trichloroethane)	75-55-8	1,2-Propylenimine(2-Methyl aziridine)
78-93-3	Methyl ethyl ketone (2-Butanone)	91-22-5	Quinoline
60-34-4	Methyl hydrazine	106-51-4	Quinone
		100-42-5	Styrene
		96-09-3	Styrene oxide

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<u>CAS No.</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Chemical Name</u>
1746-01-6	2,3,7,8-Tetrachloro-dibenzo-p-dioxin	75-35-4	Vinylidene chloride (1,1-Dichloroethylene)
79-34-5	1,1,2,2-Tetrachloroethane	1330-20-7	Xylenes (isomers and mixture)
127-18-4	Tetrachloroethylene (Perchloroethylene)	95-47-6	o-Xylenes
7550-45-0	Titanium tetrachloride	108-38-3	m-Xylenes
108-88-3	Toluene	106-42-3	p-Xylenes
95-80-7	2,4-Toluene diamine	0	Antimony Compounds
584-84-9	2,4-Toluene diisocyanate	0	Arsenic Compounds (inorganic including arsine)
95-53-4	o-Toluidine	0	Beryllium Compounds
8001-35-2	Toxaphene (chlorinated camphene)	0	Cadmium Compounds
120-82-1	1,2,4-Trichlorobenzene	0	Chromium Compounds
79-00-5	1,1,2-Trichloroethane	0	Cobalt Compounds
79-01-6	Trichloroethylene	0	Coke Oven Emissions
95-95-4	2,4,5-Trichlorophenol	0	Cyanide Compounds ^[1]
88-06-2	2,4,6-Trichlorophenol	0	Glycol ethers ^[2]
121-44-8	Triethylamine	0	Lead Compounds
1582-09-8	Trifluralin	0	Manganese Compounds
540-84-1	2,2,4-Trimethylpentane	0	Mercury Compounds
108-05-4	Vinyl acetate	0	Fine mineral fibers ^[3]
593-60-2	Vinyl bromide	0	Nickel Compounds
75-01-4	Vinyl chloride	0	Polycyclic Organic Matter ^[4]
		0	Radionuclides (including radon) ^[5]
		0	Selenium Compounds

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- B.** The following applies for all listings above which contain the word "compounds" or are glycol ethers: unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (i.e., antimony, arsenic, etc.) as part of that chemical's infrastructure.

[1] X'CN where X = H' or any other group where a formal dissociation may occur (e.g. KCN or Ca(CN)₂).

[2] Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where:

n = 1, 2, or 3;

~~R = alkyl or aryl groups;~~

~~R' = R, H, or groups which, when removed, yield glycol ethers with the structure:~~

~~R-(OCH₂CH₂)_n-OH. Polymers are excluded from the glycol category.~~

R = alkyl C7 or less; or

R = phenyl or alkyl substituted phenyl;

R' = H or alkyl C7 or less; or

OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

[3] Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter one micrometer or less.

[4] Includes organic compounds which have more than one benzene ring and which have a boiling point greater than or equal to 212°F (100°C). (Limited to, or refers to, products from incomplete combustion of organic compounds and pyrolysis processes.)

[5] A type of atom which spontaneously undergoes radioactive decay.

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